

Title (en)  
NUCLEIC ACID ISOLATION KIT AND METHOD

Title (de)  
KIT UND VERFAHREN ZUR ISOLIERUNG VON NUKLEINSÄUREN

Title (fr)  
KIT ET PROCÉDÉ D'ISOLATION D'ACIDES NUCLÉIQUES

Publication  
**EP 4015630 A1 20220622 (EN)**

Application  
**EP 21214708 A 20211215**

Priority  
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Abstract (en)  
The invention provides a nucleic acid isolation kit, which contains:- an aqueous lysis buffer containing 0.05 to 0.07 M sodium citrate dihydrate, 10 to 20 µM 3,3',5,5'-tetrabromo-m-cresolsulfophthalein (bromocresol green) and 50 to 60% (w/v) guanidine thiocyanate, and having a pH of 6;- an aqueous reducing solution containing 10 to 20% (w/v) tris(2-carboxyethyl)phosphine (TCEP);- paramagnetic beads;- a washing solution which is 0.5 to 2 mM citrate buffer in a 1:1 to 1:5 mixture of water and ethanol;- a precipitating component which is ethanol;- an elution solution which is 3 to 7 mM Tris buffer. Provided is also a method of using the kit.

IPC 8 full level  
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CPC (source: CZ EP)  
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Citation (search report)  

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